

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013324.D
 Acq On : 25 Dec 2022 05:20
 Operator : CG/JU
 Sample : N6018-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYK2

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 12/25/2022
 Supervised By : Yogesh Patel 12/25/2022

Quant Time: Dec 25 06:12:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	682064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	2792182	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	1560862	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.340	188	2609955	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	2330028	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	2820718	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	62670	3.929	ng/uL	0.00
4) Pyridine-d5	3.758	84	904554	19.961	ng/u1	0.00
7) Phenol-d5	7.105	99	1312381	23.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	803195	23.966	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	1057835	24.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	1036024	22.759	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	528613	25.767	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	592278	25.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1084727	24.180	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	1200675	18.959	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	3019712	25.173	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	3357118	25.468	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	308476	14.296	ng/u1	0.00
60) Fluorene-d10	15.575	176	2363578	23.290	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	215302	12.819	ng/u1	0.00
73) Anthracene-d10	17.439	188	2950213	25.056	ng/u1	0.00
81) Pyrene-d10	19.675	212	3193919	23.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	3518534	25.026	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.381	178	166743	1.227	ng/u1	97
80) Fluoranthene	19.351	202	438773	2.891	ng/u1	99
82) Pyrene	19.704	202	381077	2.434	ng/u1	99
85) Benzo(a)anthracene	21.416	228	374269	2.420	ng/u1	100
87) Chrysene	21.469	228	434591	2.971	ng/u1	97
90) Benzo(b)fluoranthene	23.151	252	701611	3.901	ng/u1	98
91) Benzo(k)fluoranthene	23.198	252	229041m	1.284	ng/u1	
93) Benzo(a)pyrene	23.804	252	446840	2.853	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	350846	1.798	ng/u1#	95
96) Benzo(g,h,i)perylene	27.298	276	330066	2.107	ng/u1	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

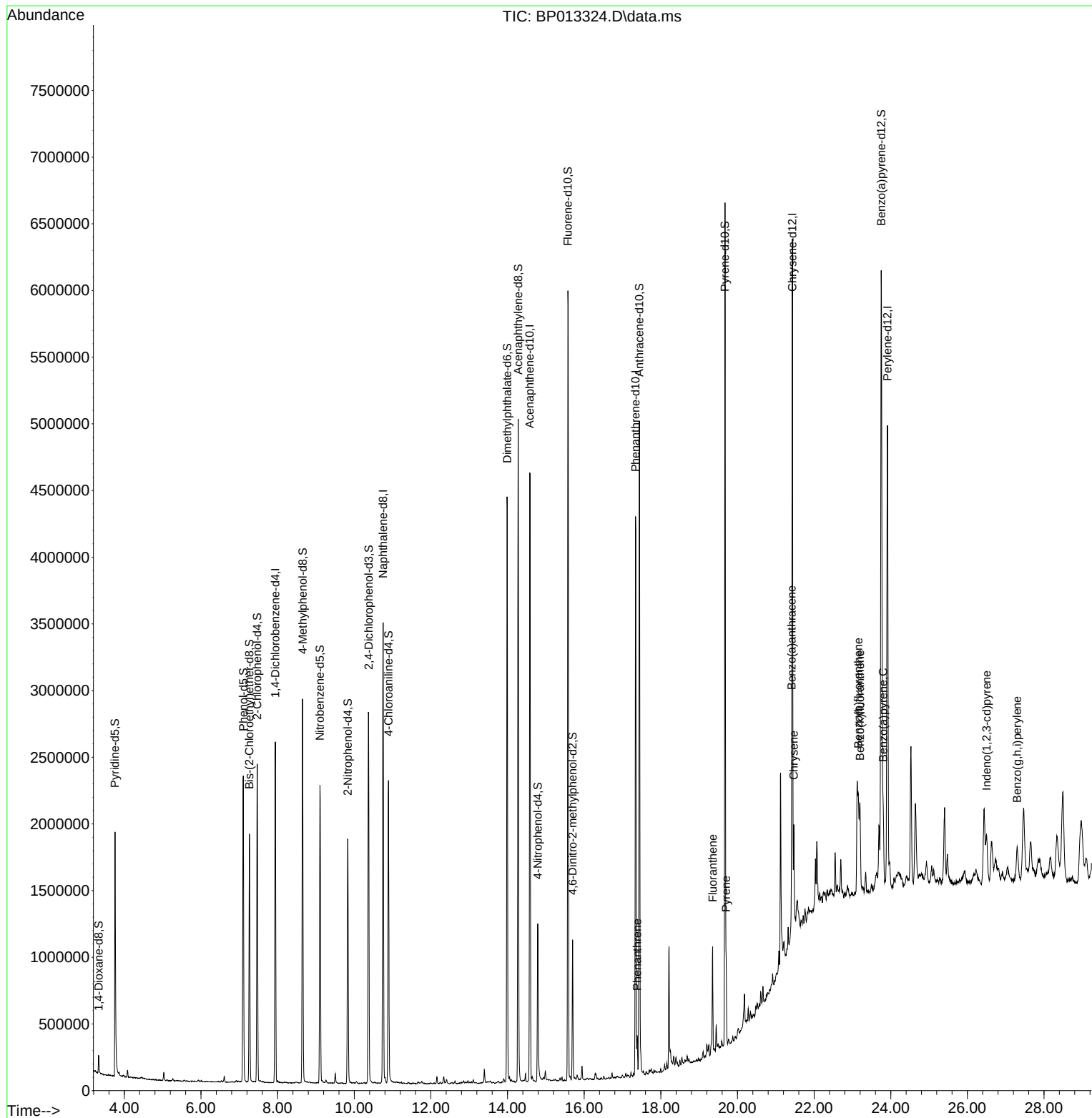
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
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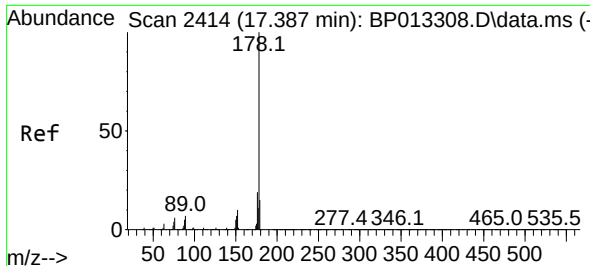
Instrument :
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Quant Time: Dec 25 06:12:58 2022
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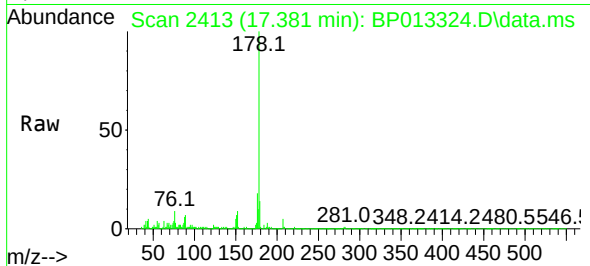
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022





#72
Phenanthrene
Concen: 1.227 ng/ul
RT: 17.381 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP013324.D
Acq: 25 Dec 2022 05:20

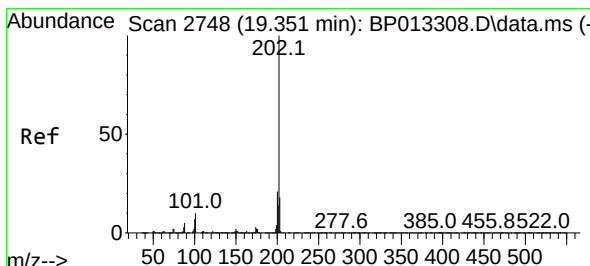
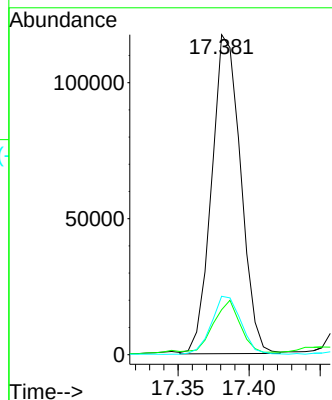
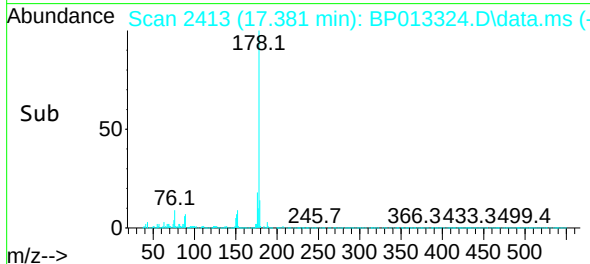
Instrument :
BNA_P
Client Sample Id :
DBYK2



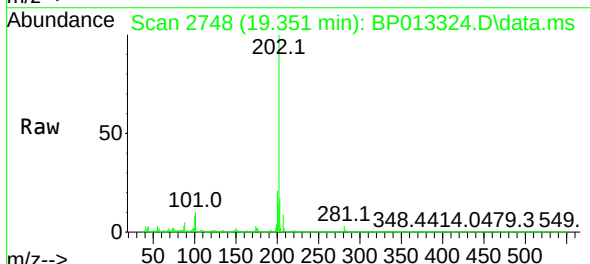
Tgt Ion:178 Resp: 166743
Ion Ratio Lower Upper
178 100
179 14.1 12.5 18.7
176 18.3 15.4 23.0

Manual Integrations
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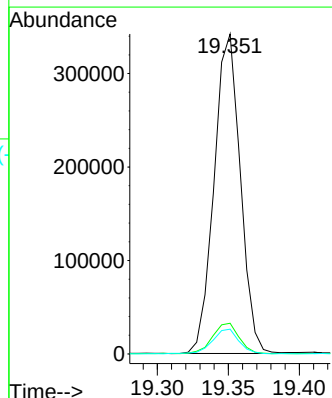
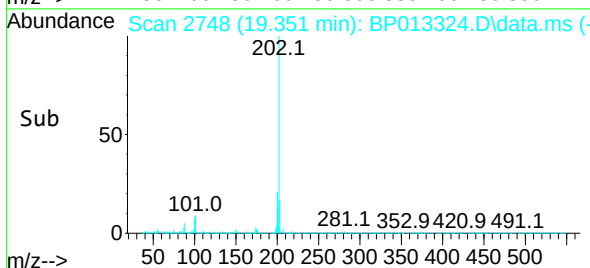
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

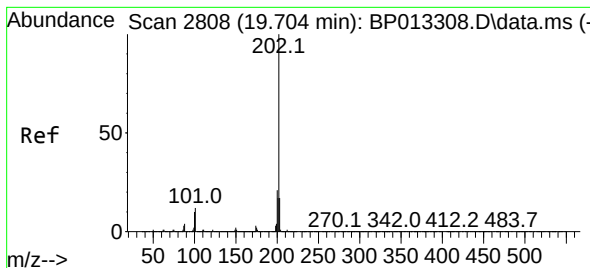


#80
Fluoranthene
Concen: 2.891 ng/ul
RT: 19.351 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BP013324.D
Acq: 25 Dec 2022 05:20



Tgt Ion:202 Resp: 438773
Ion Ratio Lower Upper
202 100
101 9.6 8.2 12.2
100 7.8 6.1 9.1





#82

Pyrene

Concen: 2.434 ng/u1

RT: 19.704 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP013324.D

Acq: 25 Dec 2022 05:20

Instrument :

BNA_P

ClientSampleId :

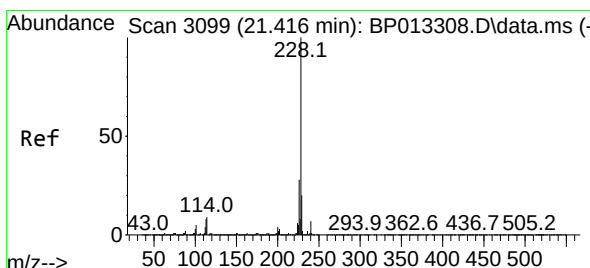
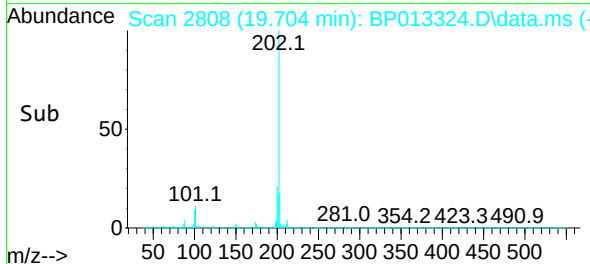
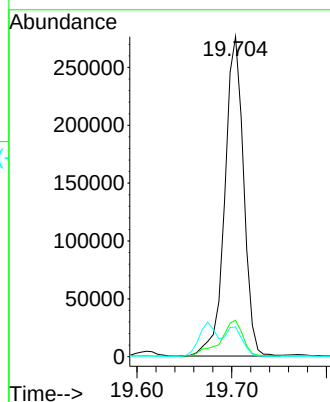
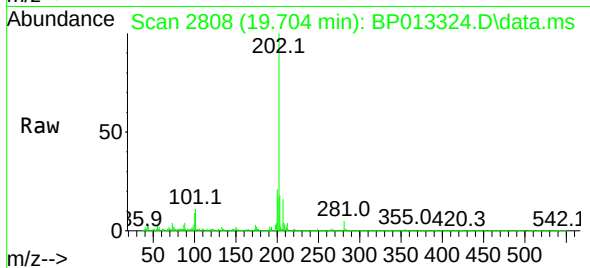
DBYK2

Tgt Ion:	202	Resp:	38107
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.4	14.2
100	9.3	7.8	11.8

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.420 ng/u1

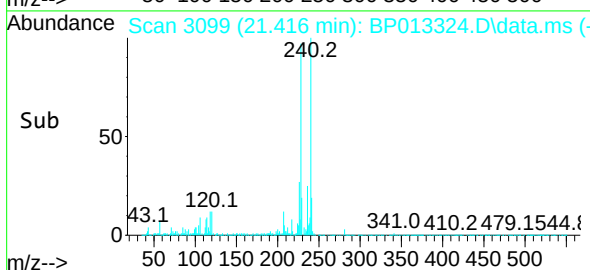
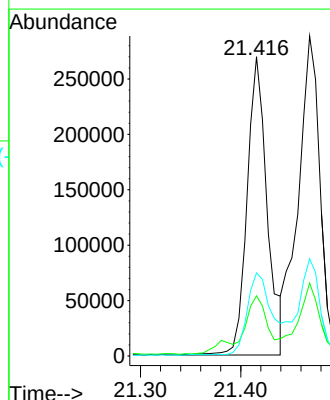
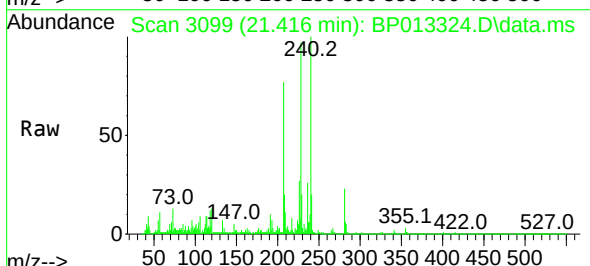
RT: 21.416 min Scan# 3099

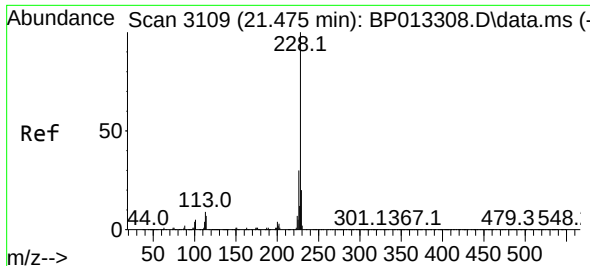
Delta R.T. -0.006 min

Lab File: BP013324.D

Acq: 25 Dec 2022 05:20

Tgt Ion:	228	Resp:	374269
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.1	24.1
226	27.8	22.0	33.0





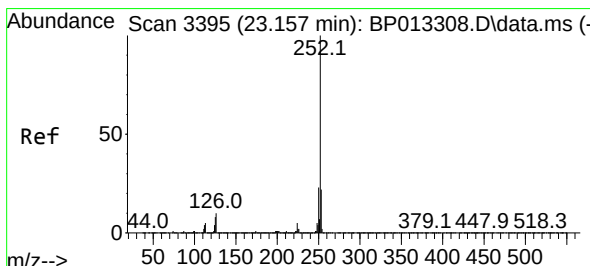
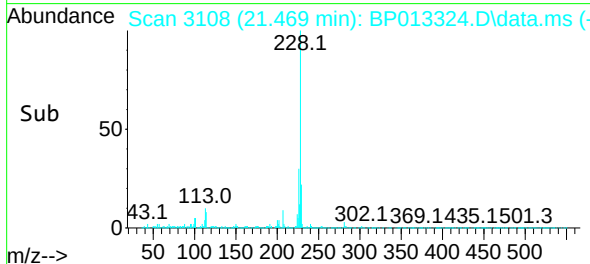
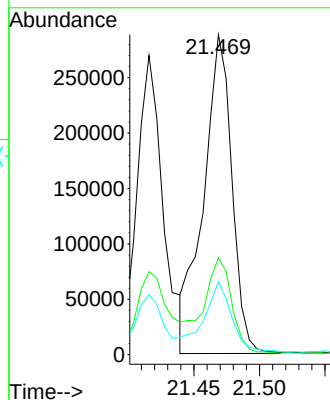
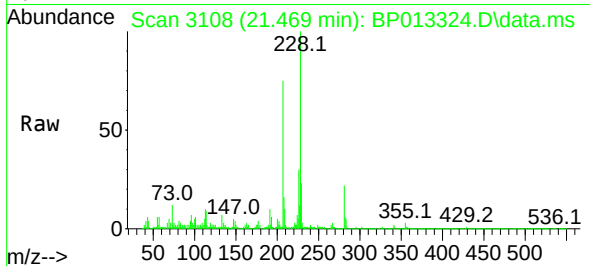
#87
Chrysene
Concen: 2.971 ng/ul
RT: 21.469 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP013324.D
Acq: 25 Dec 2022 05:20

Instrument :
BNA_P
ClientSampleId :
DBYK2

Tgt Ion:228 Resp: 43459
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 22.8 16.0 24.0

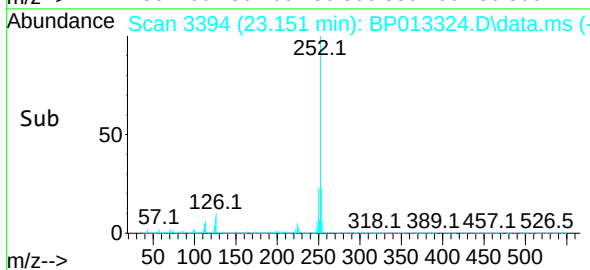
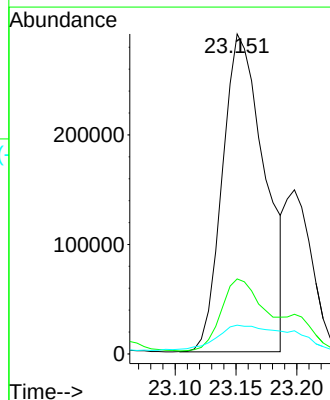
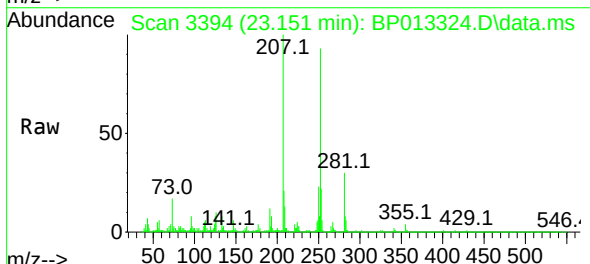
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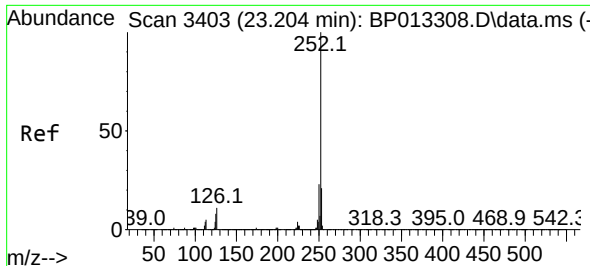
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#90
Benzo(b)fluoranthene
Concen: 3.901 ng/ul
RT: 23.151 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP013324.D
Acq: 25 Dec 2022 05:20

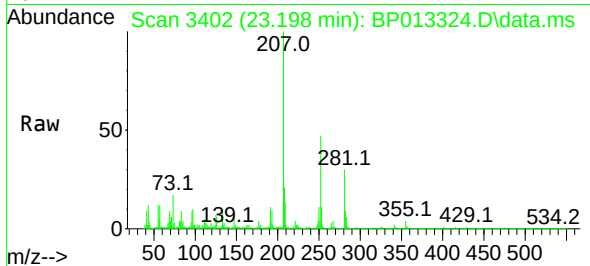
Tgt Ion:252 Resp: 701611
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.0 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 1.284 ng/ul m
RT: 23.198 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BP013324.D
Acq: 25 Dec 2022 05:20

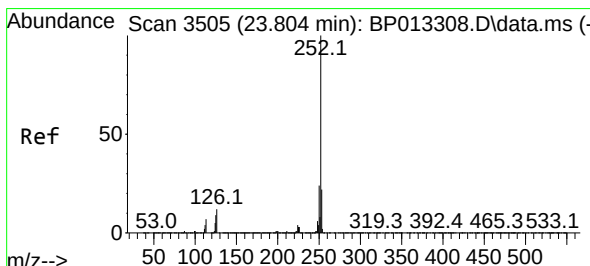
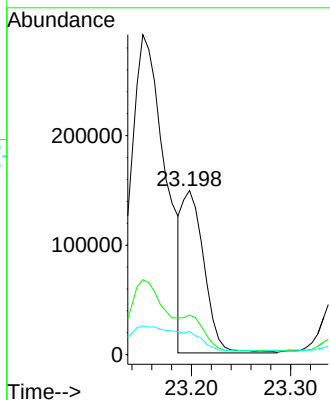
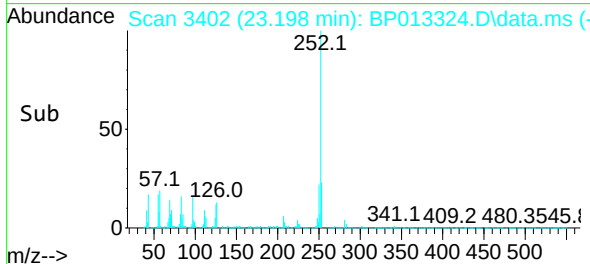
Instrument :
BNA_P
ClientSampleId :
DBYK2



Tgt Ion:252 Resp: 22904
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 14.1 6.8 10.2

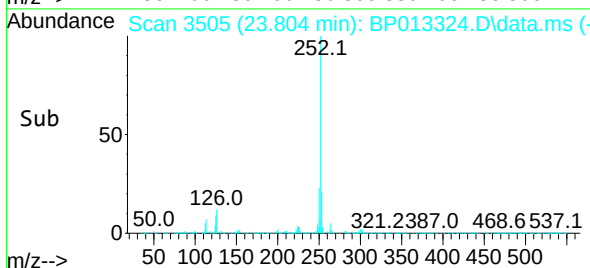
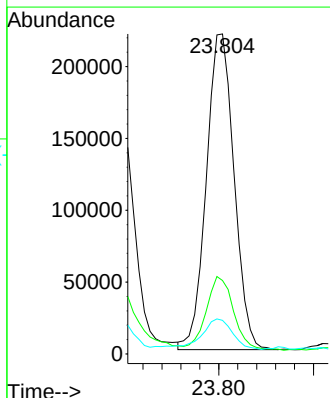
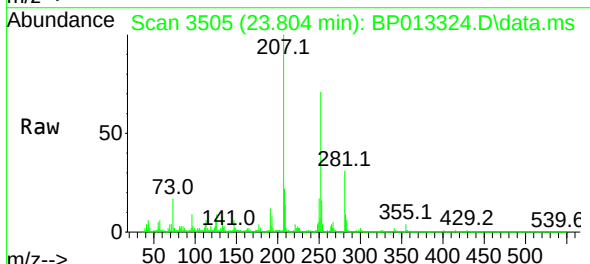
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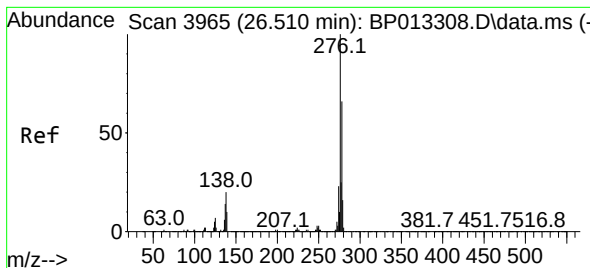
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#93
Benzo(a)pyrene
Concen: 2.853 ng/ul
RT: 23.804 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP013324.D
Acq: 25 Dec 2022 05:20

Tgt Ion:252 Resp: 446840
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.5 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.798 ng/ul

RT: 26.498 min Scan# 3965

Delta R.T. -0.017 min

Lab File: BP013324.D

Acq: 25 Dec 2022 05:20

Instrument :

BNA_P

ClientSampleId :

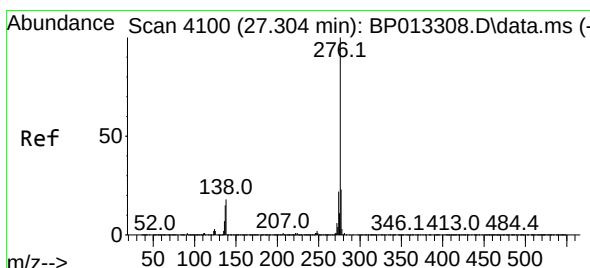
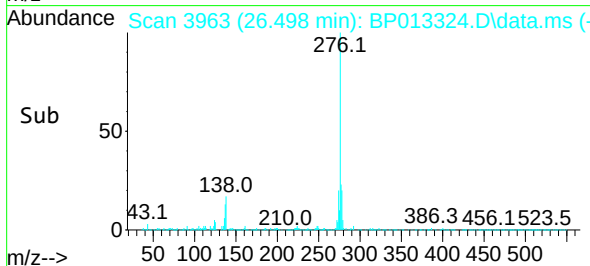
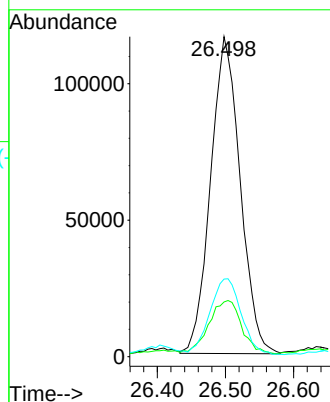
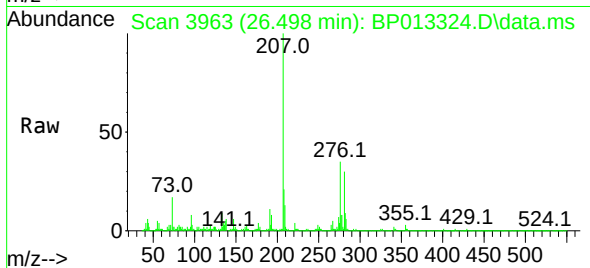
DBYK2

Tgt Ion:	276	Resp:	350840
Ion Ratio	Lower	Upper	
276	100		
138	17.1	17.1	25.7
277	24.2	20.0	30.0

Manual Integrations

APPROVED

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#96

Benzo(g,h,i)perylene

Concen: 2.107 ng/ul

RT: 27.298 min Scan# 4099

Delta R.T. -0.012 min

Lab File: BP013324.D

Acq: 25 Dec 2022 05:20

Tgt Ion:	276	Resp:	330066
Ion Ratio	Lower	Upper	
276	100		
138	22.8	15.4	23.2
277	25.2	19.1	28.7

